

Muhammad Faizzul

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Software Engineer

A software engineer with 3 years experience. Currently working as an embedded software engineer at Motorola Solutions Malaysia. Experience in Agile development for both embedded software and web development. Looking for a front-end developer role to involve more in app development. I believe optimizing work improves the efficiency and quality of everything.

TECHNICAL SKILL

C & C++ Programming, Python, HTML, CSS, SASS, ECMAScript 2018, JavaScript, TypeScript, React.js, React Router, React Redux, SQL, JSON, Node js, Git, SOLID Principle, Web development, Wireframing, Responsive web design, Figma, Agile SDLC Methodology

EXPERIENCE

Motorola Solutions, Penang – *Software Engineer*

April 2020 - Present

- Work with the radio signaling team to maintain DVRS and signaling operation quality.
- Contributes to radio feature development called Site Searching for Fire Rescue Victoria, Australia.
- Contributes to DVRS PSU feature called seamless PSU roaming.
- Contributes to Darwin Facelift project.
- Maintains and updates software documentation.
- Defect fixing and testing legacy radio features.
- Improve radio language pack release efficiency up to 70% by creating Python automation script.
- Contribute to an automation test case generator called TestZen which reduces the hassle of manually generating the test case.
- Member of Astronuts that organize and facilitate fun activities in the Astro department.

Qijang Technologies, Kuala Lumpur – Junior Software Engineer

October 2019 - April 2020

- Support senior front-end developers.
- Design VMS UI for Eupfin Technology (M) Sdn. Bhd
- Support senior front-end developers on creating some web pages.
- Collect, clean, store, and format valuable data from various financial websites by creating a Python web scraper script.

Bike Bear, Petaling Jaya – Intern Web Designer

February 2019 - July 2019

- Understand the client's business and translate the branding personality into web design.
- Develop, design, maintain eCommerce/corporate website (WordPress).
- Customize the WordPress plugin (PHP) to meet the feature requirement

PERSONAL PROJECT

Movie App – moviestar.faizzul.com

- Latest movie browsing web app.
- Created using React.js with Typescript.
- Filter function included.
- Infinite scroll included.
- MObile responsive design.

Forecaster – forecaster.faizzul.com

- Weather web app.
- Created using Vue 3.
- Use Vuex for API and client state management.
- Use Axios to do API requests.
- Mobile responsive design.
- With a dynamic location search bar.

Personal Website – faizzul.com

- Personal static website.
- Created using Next js (React framework).
- Google analytical included

Final Year Project: Greenhouse Monitoring System

- An IoT system that enables users to monitor and automatically /manually control in providing basic needs for their greenhouse crops such as water, humidity, temperature, and light remotely.
- Created using basic web scripting (HTML, CSS, PHP, and bootstrap).
- NodeMCU ESP8266 module to handle the sensors and actuators.

EDUCATION

University Malaysia Pahang , Gambang – *Degree*

August 2015 - July 2019

Bachelor of Computer Science (Graphics and Multimedia Technology)

Classification of Honours: Second Class Upper

Kedah Matriculation College, Changlun– *Matriculation*

May 2014 - April 2019

Pure Science Module (Physics, Biology, Chemistry, and Math)

Grade: Second Class Lower

LANGUAGE

Malay – *Native*

English – *Proficient*